

 \sim

46

Wind

bracina

Strut

5 mm

Backing P 6.4 mm × 38 mm

 $(1/4" \times 1/2")$

DETAIL

- bracina

_ € Splice

5 mm

WELDED CHORD SPLICE

7 mm

Chord /

Diagonal Z

DETAIL 6

SPLICE NOTES

Location of Splices:

-Vertical Z

NOTE

Diagonal \angle s in plane of truss not shown. Bracing shown is at all vertical \angle s of truss.

Variable length determined by min gage, pitch and edge distance via the per chord L Upper chord L Up

SPLICE WITH DIAGONAL ANGLE

The plates welded to the angle legs on the inside shall be welded before punching the both holes. They shall be the same length as the cover plates. The plates are not necessary on SPLICE WITHOUT DIAGONAL ANGLE

BOLTED CHORD SPLICE

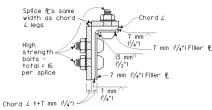
DIST COUNTY ROUTE RILDMETER POST NHEET TOTAL
TOTAL PROJECT NO. SHEETS

WOLLDWING PROJECT NO. SHEETS

JULY 1, 2002

FILMS APPROVAL DATE
The State of Cultiferior or his officers or completions of electrotic copies of the plan

Cultifare nor has a web dist To get to the web site, go lie this/ lewestationage.



SECTION T-T

BOLTED	CHORD SPLICE	
TWO POST SIGNS		
Chord 4	Nominal Bolt Diameter	"a" Min
127 mm × 89 mm × 9.5 mm (5" × 31/2" ×3/8")	M20 × 2.5 (¾4")	64 mm (2½")
152 mm × 102 mm × 12.7 mm (6" × 4" × 1/2")	M22 × 2.5 (7/8")	76 mm (3")
178 mm × 102 mm × 19.0 mm (7" × 4" × 3/4")	M27 × 3 (I")	89 mm (3½")
203 mm × I02 mm × I9.0 mm (8" × 4" × ¾")	M27 × 3 (11/8")	89 mm (3 ¹ / ₂ ")
203 mm × 102 mm × 19.0 mm (8" × 4" × ¾4")	M30 × 3.5 (11/4")	96 mm (3¾")
203 mm × I02 mm × I9.0 mm (8" × 4" × ³ / ₄ ")	M30 × 3.5 (11/4")	96 mm (3¾4")
SINGLE POST SIGNS		
Chord Z	Nominal Bolt Diameter	"a" Min
127 mm × 76 mm × 7.9 mm (5" × 3" × 1/6")	M20 × 2.5 (¾4")	64 mm (2 ¹ / ₂ ")
127 mm × 76 mm × 12.7 mm (5" × 3" × ½")	M20 × 2.5 (¾")	64 mm (21/2")

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS STRUCTURAL FRAME DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric" and United States Standard Measures shown in the parentheses (), The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

S6

be used if approved by the Engineer.

The splice shall be located so as not to interfere with

mounting the walkway brackets or the clip angles for the removeable sign panel frame. The wind bracing in the area of the bolted chord splice shall be bolted to the chord angles

with a 10 mm $(\frac{3}{8})$ ø HS bolt, nut, 2 cut washers and lock washer.

the single post signs if the splice is located over 1/3 of the

cantilever length from the post. Alternative splice details may